

Serial No. 10/542,105
Atty Dkt No. 28955.4030

REMARKS

Claims 1-15 remain herein. Claims 1-15 have been amended. Support for the amendments may be found throughout the specification (see, e.g., compound (H3) at page 26 of the specification).

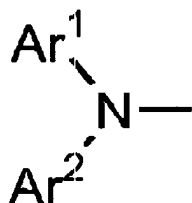
This Amendment is believed to place this application fully in condition for allowance, and surely in better condition for any appeal. Thus, entry of this Amendment and allowance of all claims 1-15 are respectfully requested.

1. Claims 1-6 and 8-15 were rejected under 35 U.S.C. § 102(e) over Inoue et al. U.S. Patent 6,344,283.

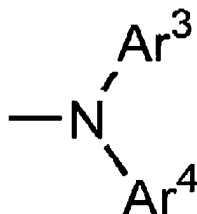
Claims 1 and 8 recite an aromatic diamine derivative represented by general formula (1):

A-L-B (1)

wherein A represents a diarylamino group represented by:



B represents a diarylamino group represented by:

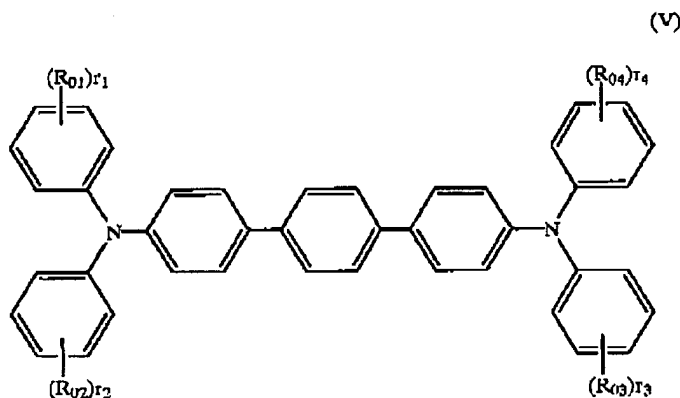


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and Ar¹ to Ar⁴ each independently represents a substituted or unsubstituted aryl group having 5 to 50 nuclear atoms.

Because applicants' claimed formula (1) recites an aromatic diamine derivative, it can have only two nitrogen atoms in the main skeleton. Because each of A and B includes one of the nitrogen atoms, Ar¹ to Ar⁴ may not be substituted with an amino or arylamino group.

Inoue does not disclose applicants' claimed formula (1). Inoue discloses the following formula V:



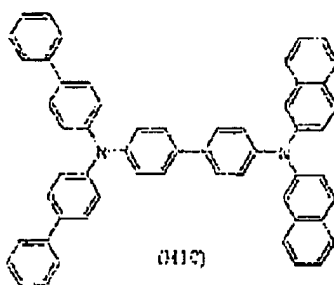
Inoue's Tables 1-78 show that at least one of R₀₁ to R₀₄ includes an arylamino group. Thus, unlike applicants' claimed formula (1), the main skeleton of Inoue formula (V) includes more than two Nitrogen groups.

Thus, Inoue does not disclose all elements of applicants' claims and, therefore, it is not an adequate basis for a rejection under § 102(e). Applicants respectfully request reconsideration and withdrawal of this rejection.

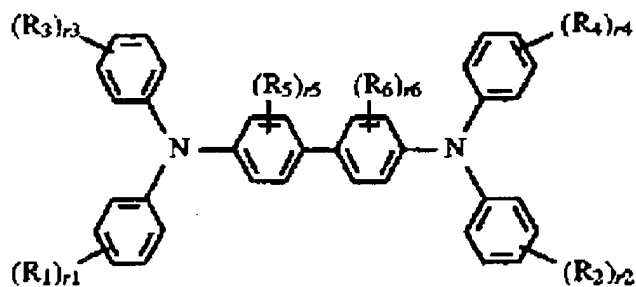
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2. Claim 7 was rejected under 35 U.S.C. § 102(b) over Nakaya et al. U.S. Patent 5,792,557. The Office Action states that applicants' claimed compound (H10) reads on Nakaya's formula (1) when r_1 to r_4 are 1, r_5 and r_6 are 0, R_1 and R_3 are phenyl, and R_2 and R_4 are naphthyl.

Applicants' compound (H10) has the following structural formula:



Nakaya does not disclose compound (H10). Nakaya's formula (1) is the following:



When Nakaya's R_2 and R_4 groups are naphthyl groups, the resulting groups linked to the nitrogen atom are not naphthyl groups as in applicants' claimed compound (H10) but phenyl groups substituted with naphthyl groups.

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Thus, Nakaya does not disclose all elements of applicants' claims and, therefore, it is not an adequate basis for a rejection under § 102(b). Applicants respectfully request reconsideration and withdrawal of this rejection.

For all of the foregoing reasons, all claims 1-15 are now fully in condition for allowance, which is respectfully requested. The PTO is hereby authorized to charge or credit any necessary fees to Deposit Account No. 19-4293. Should the Examiner deem that any further amendments would be desirable in placing this application in even better condition for issue, she is invited to telephone applicant's undersigned representative.

Respectfully submitted,

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